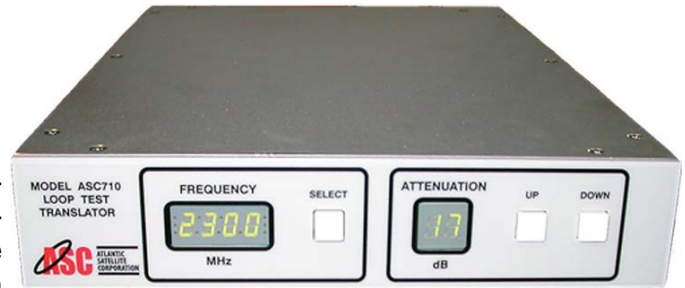


Model ASC710C Test Loop Translator

Quality Products @ Reasonable Prices

Functional Description

The Atlantic Satellite Corp. ASC710 C Test Loop Translator is designed to do bench-top testing of satellite transmission systems. The ASC710 C essentially replaces the satellite for loop-back analysis of satellite communication systems.



Features

- Low-Cost
- Input frequency range of 5.85 to 6.65 GHz
- LO Frequency switching from the front panel for testing of two separate C-bands.
 1. LO 1 Frequency: 2225 MHz for 5.85 to 6.425 GHz Input and 3.625 to 4.20 GHz Output
 2. LO 2 Frequency: 2450 MHz for 5.85 to 6.65 GHz Input and 3.4 to 4.20 GHz Output
- Small size for bench-top testing. **Rack mount optional.**
- Low Phase Noise
- High frequency stability
- Universal AC input power

Includes :

1. 30 dB coupler
2. 10 Watt load
3. Variable 1 dB step attenuator

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Technical Specifications

Frequency Input Range 5.85 to 6.65 GHz
 Maximum Input Power 10 Watts, Continuous
 Insertion Loss 45 dB, Minimum; 75 dB, Maximum
 Attenuation Adjustment Range 25dB, 1dB Steps,
 Front Panel Adjustable
 LO Frequency Two Bands, Front Panel Selectable
 Band 1: 2225 MHz
 Band 2: 2450 MHz
 Output Connectors Type-N, Female
 Phase Noise > 75 dB-Hz @ 1 kHz from carrier
 LO Frequency Stability < 1 ppm, +10 to 40° deg. C
 Front Panel LED Display 4 digit, LO Frequency,
 2 digit, Attenuation
 Band Select Front Panel, Pushbutton
 Attenuation Adjust Front Panel, Pushbutton,
 1 dB Steps
 Size 1.75 " H x 8.0 " W x 10.0 " D
 Primary Power 90-250 VAC, 47-63 Hz

Optional: Rack Mountable Front Panel Available